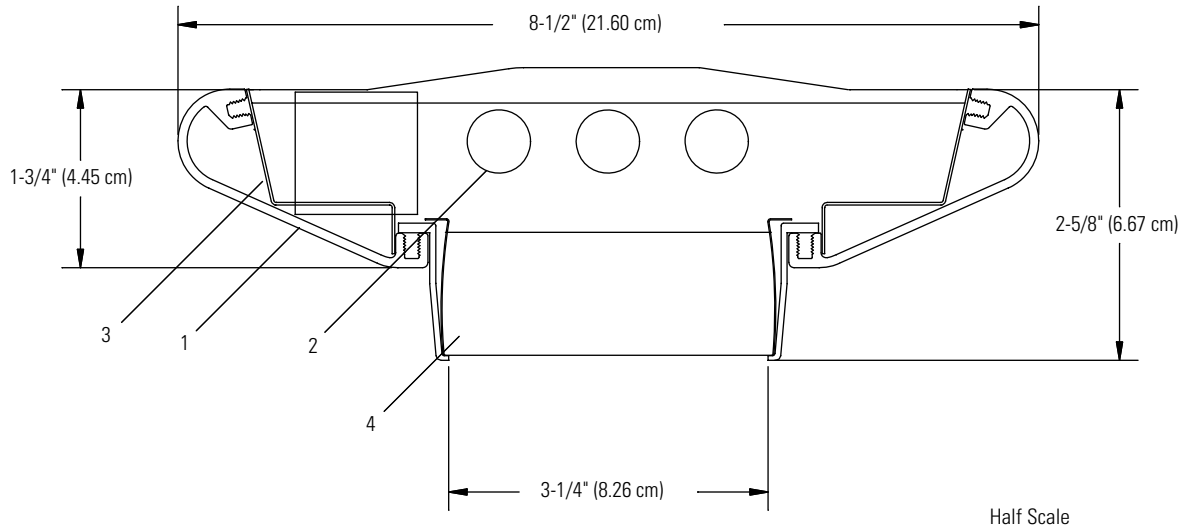
Lytespread™ LSB Parabolic Louver 3-Light T5 Per 4-Foot (Nominal) Section



Half Scale

Ordering Information

Family	Lamps	Length	Shielding	Ballast	Voltage	Finish
LSB	**3**		**C**			
	3 = 3-Lamp T5	**4** = 4-Foot **8** = 8-Foot	**C** = Parabolic Louver	**28** = 28W T5 **54** = 54W T5 **5E** = 54W T5 Emergency Pack **2E** = 28W T5 Emergency Pack **5D** = 54W T5 Dimming	**1** = 120 volt **2** = 277 volt	**AL** = Aluminum **WH** = White

Complete ordering instructions below.

Features

1. **Housing:** Extruded aluminum. Die-cast end cap mechanically attached with no exposed fasteners or hardware.
2. **Lamping:** Three T5, 28 or 54 watt (as specified) fluorescent lamps per 4-foot nominal section. Provided by others.
3. **Reflector:** Precision die-formed semi-specular aluminum.
4. **Louver:** Parabolic louver, low-iridescent semi-specular anodized aluminum, 41° shielding lengthwise, blades are 1-1/3" (3.39cm) high and 2" (5.08cm) O.C. Louver frame is extruded aluminum and finished to match housing.

Electrical

Ballast is <10% THD, .98 ballast factor, pre-heat start. 18 gauge wire. Color-coded quick connectors allow ease of connection for joiner modules. Power feed is 18 gauge white SJT. For special circuiting consult factory. Factory installed ballast disconnect allows the ballast to be disconnected from and reconnected to incoming power under load without turning the entire circuit off.
Dimming: 120/277 VAC 1% dimming level, 4 wire feed required.
Emergency Battery Pack: 28 watt: 520 lumens @ 90 minutes, 54 watt: 700 lumens @ 90 minutes, 4 wire feed required.

Mountings

Cable suspension (not shown) - 4-1/2" (11.43cm) diameter canopy finished white enamel, 1/16" (0.16cm) diameter stainless steel aircraft cable adjustable up to 36" (91.44cm). Dual-screw draw-tight connector to create hairline seam between joiner modules.

Finish

Powder coated baked white or aluminum finish. Custom colors available, consult factory.

Options and Accessories

Emergency Circuiting; special circuiting; X, T & L joiner blocks - consult factory.

Labels

UL, cUL and I.B.E.W.

Ordering Instructions

Individual Fixtures:

1. Order number of MODULES required.
2. Order one POWER FEED END SET per MODULE.

Continuous Rows:

1. Determine run length.
2. Order the appropriate number of MODULES for the complete run.
3. Order one POWER FEED END SET per run.
4. Order one CABLE ASSEMBLY per MODULE minus one per run.
5. For runs that exceed amperage limits, order the appropriate number of CABLE/CORD ASSEMBLIES.

Job Information **Type:**

Job Name:

Cat. No.:

Lamp(s):

Notes:

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
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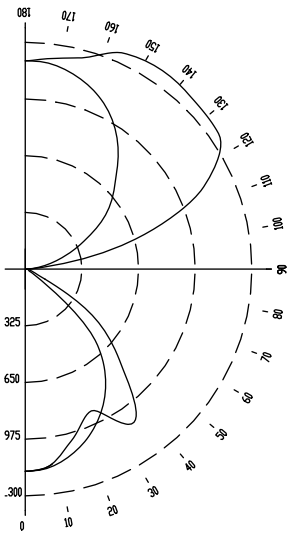
Performance

CANDLEPOWER CURVE



REPORT NO: LRL 300-1M
CAT NO: LSB34C28
LAMPS: 3 F28T5
LUMENS: 2900
EFFICIENCY: 83.7%

CANDLEPOWER

ZONE ➤ / DEG. ▼	0	22	45	67	90
		CANDELAS			
180	1194	1194	1194	1194	1194
175	1191	1193	1202	1205	1209
165	1143	1167	1207	1253	1254
155	1056	1116	1207	1330	1363
145	918	1031	1199	1349	1384
135	734	901	1095	1313	1368
125	575	788	1038	1352	1354
115	365	617	936	1102	1136
105	184	471	634	644	645
95	46	125	105	86	81
90	0	0	0	0	0
85	2	2	7	6	7
75	5	11	14	16	17
65	7	13	22	40	64
55	91	147	281	446	456
45	556	587	730	765	781
35	804	760	821	1053	1078
25	971	936	899	880	897
15	1087	1077	1061	1031	1020
5	1153	1151	1160	1149	1150
0	1159	1159	1159	1159	1159

COEFFICIENTS OF UTILIZATION

% EFFECTIVE CEILING CAVITY REFLECTANCE

	80			70			50		
	WALL REFLECTANCE								
	70	50	30	70	50	30	50	30	10
0	86	86	86	77	77	77	61	61	61
1	79	76	73	71	68	66	54	53	52
2	73	68	63	66	61	58	49	47	45
3	67	61	55	61	55	50	44	41	39
4	62	54	48	56	49	44	40	37	34
5	57	49	42	51	44	39	36	32	30
6	53	44	38	48	40	35	33	29	26
7	49	39	33	44	36	31	30	26	23
8	45	36	30	41	33	27	27	23	20
9	42	32	26	38	30	24	24	21	18
10	38	29	23	35	26	21	22	18	15

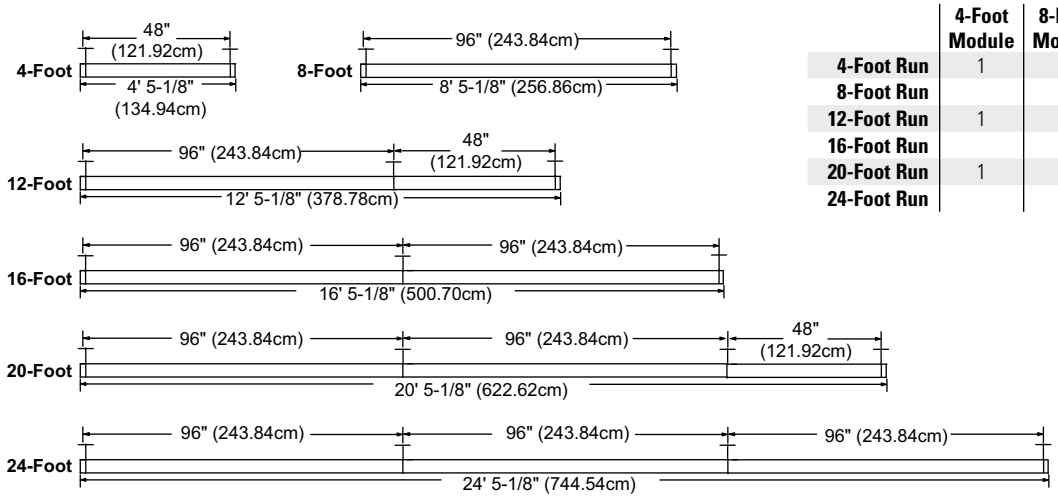
20% FLOOR CAVITY REFLECTANCE

DISTRIBUTION

Zone	Lumens	% Lamp	% Luminaire
0-90	2229	25.6	30.6
90-180	5056	58.1	69.4
0-180	7285	83.7	100.0

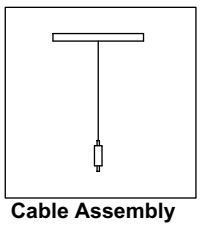
Calculations are for 28 watt T5 lamps, for 54 watt T5 lamps multiply by 1.7

Fixture Lengths & Mounting Locations

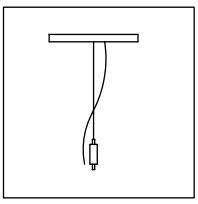


	4-Foot Module	8-Foot Module	Cable/ Assembly	Power Feed End Set
4-Foot Run	1			1
8-Foot Run		1		1
12-Foot Run	1	1	1	1
16-Foot Run		2	1	1
20-Foot Run	1	2	2	1
24-Foot Run		3	2	1

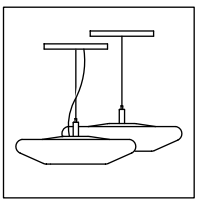
Mounting Accessories



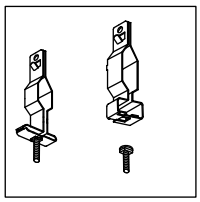
Cable Assembly
Single Cable: **LSBC36**



Cable/Cord Assembly
Single Cable & Cord: **LSBCC36**
Single Cable & 4 Wire Cord*: **LSBCC36X4**



Power Feed End Set
Straight Cord: **LSBEC36WH** (white)
LSBEC36AL (aluminum)
4 Wire Cord*: **LSBEC36WHX4** (white)
LSBEC36ALX4 (aluminum)



Ceiling Grid Kit
CGK
Includes both Standard 1" (2.54cm) Tee Bar Clip & Slot Tee Clip

***Use for dimming, switching, and emergency battery packs.**

Job Information **Type:**

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